

Date: Tue, 28 Jun 94 04:30:20 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #206
To: Ham-Equip

Ham-Equip Digest Tue, 28 Jun 94 Volume 94 : Issue 206

Today's Topics:

 94 Ford Explorer
 Alinco DJ580
 Appropriate group for selling radio? (4 msgs)
 GPS group purchase shutdown (2 msgs)
 Kenwood Tm733a Mods Yet?
 Kenwood TM742A problem
 Mobile Antenna Help!
 Need UNDERGROUND info source
 Opinions about FT11R handheld ? (2 msgs)
 Rechargables in RS CB
 Still waiting!
 Timewave DSP
 W2A POWER CONNECTOR

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 27 Jun 1994 23:45:06 GMT
From: ihnp4.ucsd.edu!pacbell.com!pb2esac!jaminge@network.ucsd.edu
Subject: 94 Ford Explorer
To: ham-equip@ucsd.edu

In article <CrwKwp.3CC@telemax.com>, macy@telemax.com (Macy Hallock) writes:

(text deleted)

> For power, put in a pair of 8 AWG lines going straight from the battery

> to the rear.

(text deleted)

Hope you included a fuse or breaker at the battery. Things could get pretty hot if those 8 AWG lines got together, or touched the vehicle frame (for example, in an otherwise minor fender-bender).

-John

--

John Minger KE6DTC

Glendale, CA

<jaminge@PacBell.COM>

"Society is like a stew. If you don't keep it stirred up, you get a lot of scum on top." -Edward Abbey

Date: Mon, 27 Jun 1994 21:49:00 GMT

From: ihnp4.ucsd.edu!agate!iat.holonet.net!michaelr!ray.wade@network.ucsd.edu

Subject: Alinco DJ580

To: ham-equip@ucsd.edu

On 06-24-94 TONY NATOLI wrote to ALL...

TN> In article <940617133300200@michaelr.com> ray.wade@michaelr.com (Ray

TN> Wade) writ

TN> >With the radio off, reset it by holding down the function button (the

TN> >button just above the press-to-talk on the left side), and turn on

TN> >the power. This puts it back the way it came from the factory. This

TN> >..... rest deleted

TN> There has got to be a better way than this....but I haven't found

TN> it.....

Try reading the manual then. It's in there. Open your eyes.

* OFFLINE 1.56 * ... Smash forehead on keyboard to continue...

.....

Date: 27 Jun 1994 19:28:24 GMT

From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!

uhog.mit.edu!news.mtholyoke.edu!world!news.bu.edu!news.bu.edu!

highlndr@network.ucsd.edu

Subject: Appropriate group for selling radio?

To: ham-equip@ucsd.edu

Hi,

I'll be looking to sell an AZDEN 5000 (142-149 MHz or something along those lines - it dates back to my Civil Air Patrol days) radio that I have (as soon as I get around to getting it out of my parents' house). Is this an appropriate group to post a listing on or is there a rec.radio.amateur.equipment.forsale (or something along those lines)?

Thanks,
-Sean
highlndr@csa.bu.edu

Date: Mon, 27 Jun 1994 22:18:15 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!ncar!csn!
jstuart@network.ucsd.edu
Subject: Appropriate group for selling radio?
To: ham-equip@ucsd.edu

Sean Pfeiffer (highlndr@csa.bu.edu) wrote:

: Hi,

: I'll be looking to sell an AZDEN 5000 (142-149 MHz or something along
: those lines - it dates back to my Civil Air Patrol days) radio that I have
: (as soon as I get around to getting it out of my parents' house). Is this an
: appropriate group to post a listing on or is there a
: rec.radio.amateur.equipment.forsale (or something along those lines)?

: Thanks,
: -Sean
: highlndr@csa.bu.edu

Date: 28 Jun 1994 00:31:04 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!nntp.msstate.edu!olivea!news.bu.edu!
news.bu.edu!highlndr@network.ucsd.edu
Subject: Appropriate group for selling radio?
To: ham-equip@ucsd.edu

Thanks to all who pointed out rec.radio.swap.
I'll post it there sometime next week.

-Sean

Date: 28 Jun 1994 01:10:26 GMT
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!news.byu.edu!
news.mtholyoke.edu!news.unomaha.edu!crcnis1.unl.edu!unlinfo.unl.edu!
gbrown@network.ucsd.edu
Subject: Appropriate group for selling radio?
To: ham-equip@ucsd.edu

Sean Pfeiffer (highlndr@csa.bu.edu) wrote:

: Hi,

: I'll be looking to sell an AZDEN 5000 (142-149 MHz or something along
: those lines - it dates back to my Civil Air Patrol days) radio that I have
: (as soon as I get around to getting it out of my parents' house). Is this an
: appropriate group to post a listing on or is there a
: rec.radio.amateur.equipment.forsale (or something along those lines)?

: Thanks,
: -Sean
: highlndr@csa.bu.edu

Try rec.radio.swap

Greg

Date: 27 Jun 1994 17:22:26 GMT
From: src.dec.com!crl.dec.com!nntpd.lkg.dec.com!nntpd2.cxo.dec.com!
specxn.enet.dec.com!bonomo@decwrl.dec.com
Subject: GPS group purchase shutdown
To: ham-equip@ucsd.edu

Greetings, all.

As I have not achieved critical mass in the number of orders for the
Motorola GPS engines, I am shutting down the group purchase.

I am on vacation for the next two weeks. If, upon returning, there has
not been enough orders received to reach the magic 100 mark, I will be
returning the checks to those who have sent them to me, and
discontinuing any efforts in this area. As of now, I have orders for
about 35 units. For those of you interested, that's about \$13,000
sitting on my desk.

Thanks for your time, efforts and wonderful interest in this matter.

Regards,

Tom Bonomo

Date: 28 Jun 1994 01:04:31 -0400
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!news.intercon.com!
news1.digex.net!access2!bote@network.ucsd.edu
Subject: GPS group purchase shutdown
To: ham-equip@ucsd.edu

bonomo@specxn.enet.dec.com () writes:
>I am on vacation for the next two weeks....
>.... For those of you interested, that's about \$13,000
>sitting on my desk.

Sounds like you're going to have one hell of a vacation! :)

--

rec.nude: your exit to good living along the Information Toll Road.
finger bote@access.digex.net for PGP key and an operator will help you.
Por via del empedrado de informacion.

Date: 27 Jun 94 21:04:00 -0500
From: blkcat!org!fidonet!z1!n109!f239!David.Edger@uunet.uu.net
Subject: Kenwood Tm733a Mods Yet?
To: ham-equip@ucsd.edu

How wide is the stock receiver on UHF in the 733? Will it go upto
460MHZ?
Thanks and 73, Dave AA5NU

Fidonet: David Edger 1:109/239
Internet: David.Edger@f239.n109.z1.fidonet.org

Date: 28 Jun 1994 05:13:32 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!zip.eecs.umich.edu!umn.edu!mr.net!tccn.com!suzie!
52@network.ucsd.edu
Subject: Kenwood TM742A problem
To: ham-equip@ucsd.edu

Greetings, folks...

I've owned my TM742A for about a year and a half now, and I've got a really bizarre problem I wondered if anyone might have seen before...

About a year ago, I had just finished the installation of the radio in my car, and I started programming the memories with various and sundry frequencies in the Minneapolis area. As I recall, I got into the Minneapolis Police Dept frequencies on 440 (460.100, 460.125, etc), when all of a sudden, the rig completely locked up - wouldn't accept input or anything, and about 30 seconds later, it shut itself down.

I sent the radio back to the dealer, and they performed a hardware processor reset - disconnecting the lithium battery, and reconnecting it (the darn thing is *soldered* to the board, of all things...).

At the time, I thought it was just a fluke...

Two days ago, I was programming the same frequencies into memory, and guess what - it locked *again* - exact same symptoms as before.

The processor seems to have locked in some sort of odd loop - if I hold the power button on for about 5-7 seconds, the unit will come on, but all of the display segments are lit up, and it shuts itself down again after a short period of time. It also indicates "-on-" when I turn the ignition on in the car.

I plan to give Kenwood a call tomorrow and see if they've seen this before, and if they know of a fix for this problem.

Has anyone else seen this behaviour in the 742?

Two other minor things I've noticed about the rig:

1. The clock gains about 15 minutes every 6 months or so.
2. Somehow, when I've got the DTMF remote enabled, it'll pick up random noise from somewhere and change some of the settings for the currently selected channel. I know at least one other person who experiences this as well...

Any information would be *greatly* appreciated. If anyone knows how to perform a hardware reset without desoldering the battery, I'd be in your debt...

Jim

Jim Henderson - W0/KD4LDO	Internet:	jimh@kd4ldo.ampr.org
Crystal, Minnesota USA		52@suzie.tccn.com
NetWire Forum SysOp (NETW4X)	CompuServe:	76702,1452

"OK, so the guy is cool, but...I mean own up, this is barking time, this is major lunch, this is stool approaching critical mass, this is...this is... total vocabulary failure!" - Zaphod Beeblebrox's Left Head

#include <disclaimer.h>

Date: 27 Jun 1994 18:19:34 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!wp-sp.nba.trw.com!gatekeeper.esl.com!
m42017.esl.com!user@network.ucsd.edu
Subject: Mobile Antenna Help!
To: ham-equip@ucsd.edu

RESPONSE to Jesse Wei's questions:

1. MOUNT. Magnet mounts are fine and, when careful, don't damage paint. You might want to use a piece of waxed paper between the mount and the car body, just in case. The mag mount can easily be removed and put in the trunk.

On some magmounts, the cable used is in RG58 which is usually small enough in diameter to go through the large weather stripping of a car trunk without significant pinching. Some mag mounts use a larger RG8 or Japanese equivalent cable which may still go through the weather strip OK.

2. NMO vs. UHF. I don't have the specs but my impression is that there are marginal differences in performance on the 2M or 70 CM bands in comparing the NMO and UHF type connectors for the antenna. If you think you might use 1.2 ghz someday, you may want to consider buying a tri-band antenna with an N connector...BTW, I use NMO and N connectors on my present antennas. The NMO was chosen because that's what Ham Radio Outlet had in stock that day. I.e., I never really had to make the UHF vs. NMO decision but I remember wondering about the differences too on my first antenna buy.

Since you'll be using your HT as the mobile rig, you may want to consider putting a BNC connector on the radio end. I suspect this will increase your performance more than the difference between a UHF and an NMO.

3. SPRING/COIL. I'm not sure what you're referring to. I think what you're talking about is that some dual band antennas use coils with Allen set screws and others wind a coil right out of the antenna element, itself. I have no preference and I let the antenna manufacturer/designer decide which is best for them. From my understanding, these coils are integral part of designing a multi-element, co-linear antenna which results in more gain, not losses.

4. ANLI vs. Others. I have not owned the AT-2B model which you've mentioned. My only advice is to take a close look at the antenna's construction and compare it to a top of the line Diamond. I can tell you of my experience with a Comet B20NMO which I owned. The hinge feature was nice but this particular antenna's spring was just weak enough, or the mechanical connection was just off enough causing the antenna's hinge to pop up and lay down when driving on the freeway or going over bumps. Being a good Ham, I tried to take the antenna apart to remedy the problem but broke it and ended up throwing it away...

5. Diamond vs. Comet vs. Larson. I now own a Diamond NR770NMO and it's great and I bought it used too, saving some more money! I also own a Larson 2M monoband which is nice and flexible. I already told you about my Comet experience...oh, and I own a Diamond NR-124 monoband for 1.2 ghz.

I think the slightly higher gain, while useful for an HT, would not be as important to me as quality construction. Using an HT, while mobile, I think the gain differences between an SG7500 and an NR770 will be insignificant to you, but do consider the length, too. The SG7900 is 62" and not usually recommended for a magmount. I think an advertised 1db difference may be noticeable but anything less is debateable.

6. LAST THOUGHTS. I trunk mount could also be used which will clamp onto the edge of your trunk. Paint should be OK as the set screws tighten from the underside of the trunk lip and the part of the mount which touches the top of the trunk's paint is also cushioned or designed to protect paint. The cable kits may use the RG58 size or, if using bigger stuff, have a short skinny piece of coax spliced in just for going through tight fitting weather stripping. When parking in questionable college areas I would recommend, simply, unscrewing the antenna from the mount and putting the antenna in the car.

Just remember, these comments are just what I would do. Whatever is done is not necessarily right or wrong, and it's all just time and money. If it doesn't work out the first time, just buy (or make) and try again. As often quoted by me, "When in doubt, by both!"

Good luck. Your ideas, so far, are sound. I guess you just need to decide on mounts now.

--

Lance Lee, KD6DMR
Sunnyvale, California USA
lance_lee@smtp.esl.com

Date: 28 Jun 1994 01:00:54 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!wupost!cncis1.unl.edu!
unlinfo.unl.edu!gbrown@network.ucsd.edu
Subject: Need UNDERGROUND info source
To: ham-equip@ucsd.edu

Alan - Crawley (amc@cup.portal.com) wrote:

: Where can I get underground information fro stuff like:

: Modifying a HT to transmit out of band, on any (or alot of) freqs?

: Re-programing the electronic serial number of a cellular hand held?

: Other interesting projects.

: Please email.

: Thanks

Not here. Maybe prison?

Date: Mon, 27 Jun 1994 15:21:18 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!nntp.msstate.edu!olivea!news.bu.edu!
dartvax.dartmouth.edu!axsys!rw@network.ucsd.edu
Subject: Opinions about FT11R handheld ?
To: ham-equip@ucsd.edu

I'm closing in on a decision to probably buy a
Yaesu FT11R handheld.

Does anybody have any opinions about this or any other brand/model
which is as good or better with the same price and features ?
I'm looking for 2 meter transmit with wide band receive including
AM aircraft receive.

Thanks in advance for any advice.

- Randy rw@surgicad.com

Date: 27 Jun 1994 17:32:24 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!

news.clark.net!andy@network.ucsd.edu
Subject: Opinions about FT11R handheld ?
To: ham-equip@ucsd.edu

Randy Witlicki (rw@surgicad.com) wrote:

: I'm closing in on a decision to probably buy a
: Yaesu FT11R handheld.
: Does anybody have any opinions about this or any other brand/model
: which is as good or better with the same price and features ?
: I'm looking for 2 meter transmit with wide band receive including
: AM aircraft receive.

I've had an FT-11 for a couple of months and I'm quite pleased with it. I think of all the HTs I've owned over the years, the FT-11 is the neatest, smallest and most fun of all. And yes, it does have wide band receive and AM aircraft coverage.

The only thing I miss with this xcvr is a direct dc input jack, but the accessory mobile adapter is reasonably priced and provides dc power for 5 watt operation (you'll really need to buy the external speaker-mike in order to utilize the adapter appropriately.)

Date: 27 Jun 94 13:30:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: Rechargables in RS CB
To: ham-equip@ucsd.edu

I guess I was confused about the combination of alkalines and dummy batteries and NiCd's. It has been about 5 years since I got rid of the handheld CB and I posted w/o calculating voltage because I thought the combination of batteries was correct. TNX to those who corrected me.

Bren
KC5GWA

Date: Mon, 27 Jun 1994 19:01:18 GMT
From: netcomsv!butch!NewsWatcher!user@decwrl.dec.com
Subject: Still waiting!
To: ham-equip@ucsd.edu

Passed the exam on April 16th and still waiting. This may be the first hobby that I became disinterested in, prior to actually being "in" it.

Date: 28 Jun 94 01:06:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: Timewave DSP
To: ham-equip@ucsd.edu

OK, Anyone have comments on the DSP units by
Timewave, and did QST ever carry a write up on them???
73's Robert w5robert@blkbbox.com

Date: Mon, 27 Jun 1994 05:00:00 GMT
From: utcsri!newsflash.concordia.ca!altitude!deltacom!stat@uunet.uu.net
Subject: W2A POWER CONNECTOR
To: ham-equip@ucsd.edu

V>AndrewJ514 (andrewj514@aol.com) wrote:

>> DOES ANYONE KNOW WHERE TO BUY THE ODD DC POWER CONNECTOR FOR THE W2A?
>> ICOM WANTS \$14 FOR THE CONNECTOR AND THATS A RIP. THANKS FOR THE
>> HELP. ANDY N6XKN

V>I looked all over LA, Portland and Seattle and couldn't find one. Finally
>broke down and spent the \$\$\$\$\$.

You might also try NEC, the same connector is used on their 3Xp CD ROM
drive.

Graham
VE3GCX/VE2NTC

e

--- WILDMAIL!/WC v3.50a
* Origin: STAT! Medical BBS - (514) 279-5145 HST/V32bis - (128:200/30.0)

Date: Mon, 27 Jun 1994 13:27:24
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!ornews.intel.com!
ccm.hf.intel.com!brett_miller@network.ucsd.edu
To: ham-equip@ucsd.edu

References <CrovAy.Mo3@lila.com>, <1994Jun21.125918.2510@hnrc.tufts.edu>,
<linleyCrsFF2.D44@netcom.com>n
Subject : Re: (Rechargable) Alkalines vs NiCads?

In article <linleyCrsFF2.D44@netcom.com> linley@netcom.com (Bruce James Robert

Linley) writes:

>What?! I haven't heard of anything like this. I have a BP-90 AA battery pack
>for my Icom W2A with NiCads in it. The manual expressly allows this. Perhaps
>you are thinking of the warning about using an external power supply with
>the HT while the battery pack has _alkaline_ batteries in it. This can lead
>to heating, leaking, or even a battery explosion. Never use the external
>power while your HT has any kind of non rechargeable batteries in it.

My Yahoo FT470 & 411 say NO NICADS in the AA pack. My Icom 2SRA (just like
your W2A) take NiCads just fine. Its probably because the charger circuitry
is built into the Icom radios instead of the pack. Although there may be some
danger for some radios, I think the warning is more to protect their battery
pack profits than the radio.

Brett Miller N70LQ
Intel Corp.
American Fork, UT

brett_miller@ccm.hf.intel.com

End of Ham-Equip Digest V94 #206
